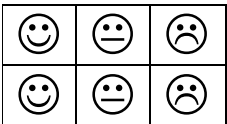
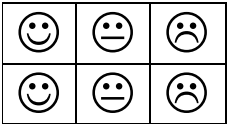

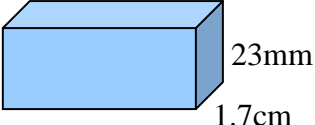
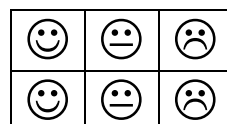
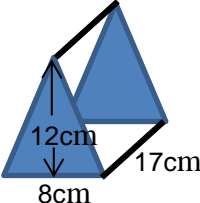
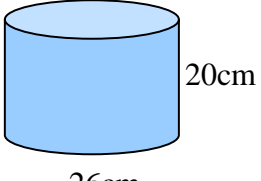
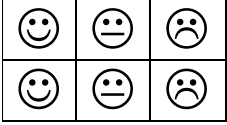
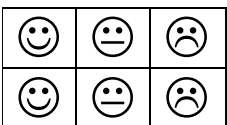
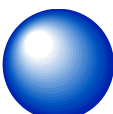
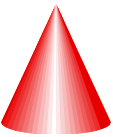
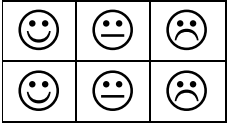
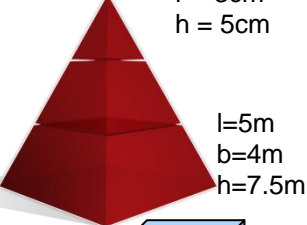
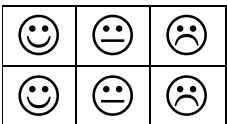
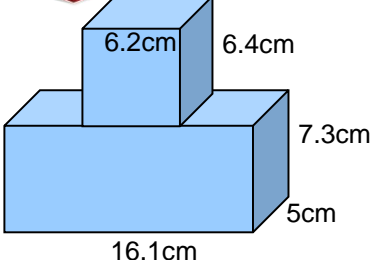
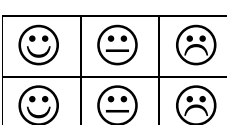
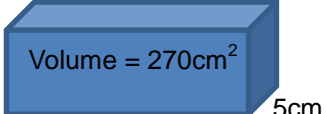


VOLUME and SURFACE AREA		What is volume? What are common units of volume? What units of volume are equivalent?
A: I understand what volume is and can work in cubic centimetres, millilitres and litres		Write the formula for each 3D solid and find the volume of each given shape.
B: I can find the volume of cubes and cuboids		$V =$  5cm  8.8cm 1.7cm 23mm
C: I can find the volume of prisms, including cylinders		$V =$ $V =$ (any prism) (cylinder)  12cm 8cm 17cm  20cm 26cm
D: I can find the surface area of a 3D solid		Find the surface areas of the solids above.
E: I can find volumes of spheres and cones		$V =$ $V =$ (sphere) (cone)  $r = 5\text{cm}$  $r = 3\text{cm}$ $h = 5\text{cm}$
F: I can find the volume of a pyramid		$V =$  $l = 5\text{m}$ $b = 4\text{m}$ $h = 7.5\text{m}$
F: I can find volumes of composite solids		 6.2cm 6.4cm 7.3cm 5cm 16.1cm
G: I can find a missing dimension of a prism given the volume		Calculate the height of the cuboid.  Volume = 270cm^3 9cm 5cm